This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims;

5 (eanceled).

16. (previously added) A sander, comprising:

a frame;

a platen;

an abrasive associated with the platen;

a drive mechanism interconnecting the platen and the frame, configured to move the abrasive in an orbital motion superimposed on a second motion; and

a conveyor for conveying objects to be sanded in a feed direction toward the platen.

- 17. (previously added) The sander of claim 16, where the second motion is a circular motion.
- 18. (previously added) The sander of claim 17, where the circular motion is a circular translational orbit.
- 19. (previously added) The sander of claim 17, where the circular motion is a circular rotation.
- 20. (previously added) The sander of claim 16, where the abrasive is an abrasive sheet.
- 21. (previously added) The sander of claim 16, where the abrasive is secured to the platen.

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- 22. (previously added) The sander of claim 21, where the abrasive is secured to the platen by an adhesive.
- 23. (previously added) The sander of claim 21, where the abrasive is secured to the platen by one or more mechanical clips.
- 24. (previously added) The sander of claim 16, where the drive mechanism includes a bearing mechanism configured to permit rotation of the platen.
- 25. (previously added) The sander of claim 16, further comprising one or more additional platens, each platen superimposing an orbital motion on a second motion.
- 26. (previously added) The sander of claim 25, each platen superimposing an orbital motion on a rotational motion.
 - 27. (previously added) A sander, comprising:
 - a frame;
- a plurality of platens; each platen having an abrasive sheet secured to the platen, and each platen being connected to the frame by a drive mechanism that moves the platen in an orbital motion superimposed on a rotational motion; and
- a conveyor having a feed direction for conveying objects to be sanded toward the platens.
- 2'8. (previously added) The sander of claim 27, where the platens are arranged side-by-side in at least one row above the conveyor.
- 29. (previously added) The sander of claim 28, where the platens are arranged in a spaced-apart relationship with the conveyor that extends substantially across the conveyor generally crosswise to the feed direction.
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- 30. (previously added) The sander of claim 27, where each platen is connected to a drive shaft that is configured to impart an orbital motion to the platen.
- 31. (previously added) The sander of claim 30, where the rotational motion is the rotation of each platen relative to the respective drive shaft.
 - 32. (previously added) A sander, comprising:

a frame;

at least one rotatable platen, connected to the frame by a single shaft assembly configured to impart an orbital motion superimposed on a rotational motion;

an abrasive sheet secured to the platen;

a conveyor for conveying objects to be sanded toward the plateh.

- 33. (previously added) The sander of claim 32, further comprising at least one additional rotatable platen connected to the frame by a shaft assembly configured to impart an orbital motion superimposed on a rotational motion.
 - 34. (previously added) A sander, comprising:

a frame;

a first platen;

an abrasive sheet secured to the platen;

- a first drive shaft interconnecting the platen and the frame, configured to move the platen in an orbital motion;
- a bearing mechanism interconnecting the platen and the first drive shaft, configured to permit the platen to move in a circular motion relative to the first drive shaft; and
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a conveyor for conveying objects to be sanded in a feed direction toward the platen.

- 35. (previously added) The sander of claim 34, where the circular motion is a rotational motion.
- 36. (previously added) The sander of claim 35, further comprising at least one additional platen, adjacent to the first platen, each platen having a drive shaft and a bearing mechanism configured to superimpose an orbital motion and a rotational motion on the platen.
- 37. (previously added) The sander of claim 36, where the platens are arranged side-by-side above the conveyor.
 - 38. (new) A sander, comprising:

a frame;

an abrasive sheet structure;

a drive mechanism interconnecting the frame and the abrasive sheet structure, configured to move the abrasive sheet structure in an orbital motion superimposed on a second motion; and

a conveyor for conveying objects to be sanded in a feed direction toward the abrasive sheet structure.

- 39. (new) The sander of claim 38, where the abrasive sheet structure includes a sheet of sandpaper.
- 40. (new) The sander of claim 38, where the second motion is a circular motion.
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- 41. (new) The sander of claim 40, where the second motion is a translational orbit.
- 42. (new) The sander of claim 38, further comprising a platen, configured to urge the abrasive sheet structure against objects to be sanded.
- 43. (new) The sander of claim 42, where the abrasive sheet structure includes a sheet of sandpaper secured to the platen.
- 44. (new) The sander of claim 42, where the motion of the abrasive sheet structure is determined solely by the movement of the platen.
- 45. (new) The sander of claim 42, where the platen and the abrasive sheet structure move together.
- 46. (new) The sander of claim 42, where the platen includes a planar surface for urging the abrasive sheet structure against objects to be sanded.
- 47. (new) The sander of claim 42, where the platen includes a deformable pad attached to the bottom surface of the platen.
- 48. (new) The sander of claim 42, where the platen is an elongate platen that is disposed perpendicular to the feed direction of the conveyor.